

**AMENDMENT**

**IN THE CLAIMS:**

Please amend the claims as follows:

1-19. (CANCELLED)

20. (CURRENTLY AMENDED) ~~The mobile computer of claim 19;~~ A mobile computer for use in a traffic signal priority control system, comprising:

a storage device containing at least one event definition data block, wherein said at least one event definition data block contains mobile event criteria defining at least one mobile event, wherein the mobile event criteria defines a parent event and at least one child event depending on the parent event; and

a processor containing an algorithm that evaluates a vehicle status with respect to the mobile event criteria and activates the mobile event if the mobile event criteria are met, and wherein the processor evaluates the vehicle status with respect to a sequence of mobile events containing a parent event and at least one child event, and wherein the processor activates the mobile event if the mobile event criteria for the parent event and said at least one child event are met.

21-27. (CANCELLED)